AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A method of performing an Internet protocol (IP)-based communication between wireless terminals, the method comprising the steps of:

(a) receiving a request for an IP address of a second terminal from a first terminal;

(b) upon receipt of the request, checking whether an IP address corresponding to the second terminal is registered; and

(c) if the IP address is not registered, assigning an IP address to the second terminal corresponding to information from an IP address server,

wherein the first terminal is a first wireless terminal and the second terminal is a second wireless terminal.

2. (previously presented): The method of claim 1, wherein in the step (a), the request for an IP address is made using a telephone number, and wherein in the step (b), checking whether an IP address corresponds to the second terminal is carried out by checking whether the telephone number corresponds to the second terminal.

3. (previously presented): The method of claim 1, further comprising the step of sending a notice requesting the second terminal to establish an IP connection if the IP address is not registered.

4. (original): The method of claim 3, wherein in the step of sending a notice requesting the second terminal to establish an IP connection, said notice is sent using a Short Message Service (SMS).

5. (previously presented): The method of claim 1, wherein if the IP address is registered, further comprising the step of transmitting the IP address to one of a plurality of terminals, said plurality of terminals including said first terminal.

6. (original): The method of claim 5, wherein the IP address is transmitted to said one of a plurality of terminals using transmission control protocol/internet protocol (TCP/IP) or user datagram protocol/internet protocol (UDP/IP).

7. (previously presented): A communication system having a first wireless terminal and a second wireless terminal, an Internet protocol (IP) address server, and a name server for providing an IP address at the request of the first wireless terminal, wherein the name server comprises:

a database for storing IP addresses corresponding to telephone numbers of a plurality of terminals, said plurality of terminals including the second wireless terminal; and

a controller which assigns an IP address to the second wireless terminal corresponding to information from the IP address server, if the IP address of the second wireless terminal that is requested by the first wireless terminal using a telephone number is not registered, and registers the assigned IP address in the database.

8. (previously presented): A name server in an internet protocol (IP)-based communication system comprising:

a communication module unit for sending and receiving IP-based data;

a controller for registering telephone numbers and requests for translation of wireless telephone numbers into IP addresses; and

a database for storing IP addresses and wireless telephone numbers as determined by the controller,

wherein the communication module unit sends and receives IP-based data to and from external devices and the external devices include IP address servers.

9. (original): The name server of claim 8, wherein the name server further comprises a memory for storing a program for operating the controller.

10-11. (canceled)

12. (original): The name server of claim 8, wherein the controller receives requests for translation of telephone numbers into IP addresses from the communication module unit.

13-14. (canceled).

15. (previously presented): The communication system of claim 7 further comprising a communication module unit which sends the assigned IP address to the first wireless terminal.

16. (previously presented): The communication system of claim 7, wherein said name server receives a request for the IP address of the second wireless terminal from the first wireless terminal.

17. (new): The method of claim 1, wherein the IP address corresponding to the second terminal or the IP address assigned to the second terminal is unique to the second terminal.

18. (new): The method of claim 17, wherein the IP address corresponding to the second terminal or the IP address assigned to the second terminal is transmitted to the first terminal.